

METHOD AND APPARATUS FOR ACQUIRING AND ORGANIZING INK INFORMATION IN PEN-AWARE COMPUTER SYSTEMS

Publication number: JP2004503840 (T)

Publication date: 2004-02-05

Inventor(s):

Applicant(s):

Classification:

- International: G06K9/62; G06F3/033; G06F3/038; G06F3/041; G06K9/22; G06K9/62; G06F3/033; G06F3/041; G06K9/22; (IPC1-7): G06K9/62; G06F3/03

- European: G06F3/038; G06K9/22H

Application number: JP20010564977T 20001218

Priority number(s): US20000520206 20000307; WO2000US34468 20001218

Also published as:

WO0167222 (A2)

WO0167222 (A3)

EP1295196 (A2)

CN1460223 (A)

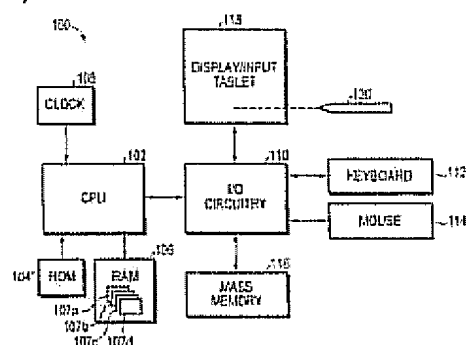
CN1460223 (A)

more >>

Abstract not available for JP 2004503840 (T)

Abstract of corresponding document: WO 0167222 (A2)

An ink manager running at a computer system receives ink information entered at a pen-based input/display device and accumulates the ink information into ink strokes. The ink manager communicates with a handwriting recognition engine and includes an ink phrase termination engine that is configured to detect the occurrence of one or more ink phrase termination events by examining the ink information. Upon the occurrence of an ink phrase termination event, the ink manager notifies the handwriting recognition engine and organizes the preceding ink strokes into an ink phrase data structure. The ink manager may also pass the ink phrase to an application executing on the computer system that is associated with the ink information, and it, in response, may return a reference pointer and a recognition context to the ink manager. The reference pointer and recognition context are then appended to the ink phrase data structure. Utilizing the recognition context identified by the application, the handwriting recognition engine generates one or more hypotheses for the ink phrase, and provides them to the ink manager. The ink manager forwards the hypotheses together with the reference pointer to the application and may also append them to the ink phrase data structure.



Data supplied from the esp@cenet database — Worldwide